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(21) Application number: 01331838

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(54) PRODUCTION OF MICROPOROUS
ELASTOMER FILM

30-70wt.% ethylene/vinyl acetate copolymer and 70-30wt.% ethylene/propylene/ diene copolymer or polyurethane elastomer is kneaded and molded to obtain a film of a thickness of 10-40 μ m. This film is fed to the space between a heating roll heated to 100°C or below and an elastic roll at a feed rate of 2-30m/min in such a way that a (non)woven composition to the space between a heating fabric containing 40-200cc/m² of a mixture roll and an elastic roll in such a way that a of water with optionally an alcohol is applied specified (non)woven fabric is applied to the to the film on the side of the heating roll film on the side of the heating roll and and heated to 100°C or higher under a heating it under pressure.

(57) Abstract:

PURPOSE: To produce a microporous film improved in waterproofness and gas transmissive property by feeding a film comprising a thermoplastic elastomer to the space between a heating roll heated to 100°C or below and an elastic roll at a feed rate of 2-30m/min in such a way that a (non)woven fabric is applied to the to the film on the side of the heating roll film on the side of the heating roll and and heated to 100°C or higher under a pressure of 0.1-5kg/cm² to obtain the title film.

CONSTITUTION: A thermoplastic elastomer composition comprising, for example,

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